Pocket Reader/EX with Memory

Functionality:

1. Reads and stores up to 511 ID numbers
2. When a new ID # is read the reader will automatically store the ID # and indicate the total # of IDs stored in the memory.

e.g. When a new tag is read the reader will –
Display the tag's ID # (e.g. 985100200300400) and then display the total number of IDs stored in the memory (e.g. 3/511)

Note: An ID # CANNOT be stored consecutively. This is to prevent accidental duplication of the same ID in one scan.

3. After 500 IDs have been stored, the reader will display a warning of LOW memory:

e.g. After the 500th tag is read and stored, the reader will –
Display the tags ID # and then display "LOW MEM 500/511". This indicates that this is the 500th ID # stored in the memory and the memory is LOW. Tag read 501 – 511 will display the same message.

4. When 511 IDs have been stored the reader will display a warning of FULL memory.

e.g. When the 511th tag is read and stored the reader will display the tag's ID # then display "FULL MEM 511/511". This indicates that the 511th ID is stored and now the memory is FULL.

5. If a new tag is scanned after reading and storing 511 tag IDs the reader will not store the new tag ID, but instead displays the following warning message 3 times accompanied by a tone, then shuts off automatically: "MEM FULL", "DOWNLOAD/DELETE", and "SEE MANUAL".

Download stored ID numbers

Reader to PC Communication steps:

1. Connect the reader to the PC using the serial cable provided. Set the communication parameters as follows:

Baud rate	4800
Data bits	8
Stop bit	1
Parity	None
Flow control	None

2. Turn on the reader. During the initialization of the unit the reader displays - MEMORY INT and shows the version number (419-M001-ENG or similar). The reader will then be in idle mode and displays READY.
3. If the user presses the ESC key on the PC keyboard the reader will then switch to consol mode and display "CONSOLE MODE".
4. Once in console mode the following message will be displayed on the PC screen: "Pocket Reader Console"
5. The user can select any of the following commands by typing the corresponding command characters:

"? Help manual
"D Download buffer from memory
"E Erase memory
"S Memory stats
"X Exit console mode

6. If the user types in a character different from the above command characters "Unknown Command" will be displayed
7. Other messages may occur on the PC screen as various commands are executed:

"Done", "Exiting console", Beginning download", "Erasing Memory", Record Erased" Valid records(s)"

8. Type "x" to exit console mode

Delete Stored ID numbers

Procedures to get to the delete mode:

Option 1 (Reader connected to the PC)

1. Connect the reader to the PC and set up the communication parameters.
2. Turn on the reader.
3. Type 'Esc' on the PC when the reader is in idle mode ("READY")
4. The reader will be switched the consol mode and the PC screen displays "Pocket Reader Consol"
5. Type 'E' to erase all memory.

Option 2 (Reader alone)

1. When the version number is displayed on start up press and release the button quickly, then two strings of numbers will display on the LCD screen (accompanied by a tone) one after the other to inform the user on how to delete the memory without the serial connection:

"HOLD BUTTON TO"
"DELETE STORED ID"
If the user presses the button, the display will show
"HOLD TO DELETE"
Then if the user keeps the button pressed ling enough this message will change to "DELETING" (accompanied by a high frequency tome), then display
ALL ID DELETED"
If button is not pressed or if it is released too soon the display will show
"NO ID DELETED"

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